

Amendments to the Specification:

Please replace paragraph 7 with the following amended paragraph:

[0007] However, for grid applications that require ~~substantially~~substantial connectivity to the grid system for large amounts of data transfer, such as data backup applications, the availability (i.e. accessibility, capacity, etc.) of performance resources on a particular node may become more determinative of the efficacy of the grid computing system. It follows that management of the available performance resources is also more important to the operation of the grid computing system. Unfortunately, conventional grid computing systems are generally inadequate to manage the dynamic availability of performance resources made available to the grid computing system on a non-dedicated basis.

Please replace paragraph 15 with the following amended paragraph:

[0015] One embodiment of the present invention beneficially allows dynamically allocated performance resources to be properly managed within a grid computing environment. Additionally, another embodiment of the present invention beneficially allows grid system users to allocate and reclaim performance resources on-demand, as well as enabling ~~dynamically~~dynamic allocation and reclamation of performance resources for specific client nodes within specified operating conditions.

Please replace paragraph 40 with the following amended paragraph:

[0040] The grid system 200 also may include a subscription manager 212 configured to manage a client subscription to the grid computing system 200. The subscription manager 212, in one embodiment, may manage the use of the grid system 100 by a subscribed client in terms of client fees or permission for a client to use a grid system resource or expect a certain level of service from the grid computing system 100. The subscription manager 212 may alternatively be connected to other network systems

204, 206 within the grid system 200. In a further embodiment, the grid system 200 may have multiple subscription managers 212 that each manages independently defined subscription groups.

Please replace paragraph 95 with the following amended paragraph:

[0095] In another embodiment, the subscription manager 212 may monitor and control the execution of an autonomic policy by a global autonomic manager 300 or the client 400. For example, a business may subscribe to a ~~grid~~-grid system 100 for a backup retrieve grid application. To keep costs down, the business may decide to contribute performance resources to the grid system 100 from each of the connected clients 400. If a user decides to reclaim the allocated performance resources of a particular client and reduce his contribution to zero, the subscription manager 212 may alter the client profile and customer profile to determine the appropriate fee. According to the global profile of the subscription manager 212, the global autonomic manager 300 of the grid system 100 may maintain upper and lower thresholds for performance resource allocation, thereby preventing such a reclamation of all allocated resources.